DESIGN PANEL NO. 30 9-12-97

DATA HEALTH COMPLETION THREAD ASSESSMENT - Brian Bateman

OVERVIEW

The Thor Data Health Completion Thread provides the completion of the CLCS capability to provide health information for FD's. This Thread will support Data Health processing, viewing, logging and retrieval.

ACTIONS	**ACTIONEE**	**DUE DATE**	**STATUS**
Verify GSE command status FDs are the same in CLCS as they were in CCMS	Brian Bateman	DP2	In Work

ISSUES

Assigned to Brian Bateman   Due: DP2

1. What is the initial state of FD and Health values in the CVT.
2. How is stale data
    a. Initialized
    b. Marked (Failed/Warning)

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Assigned to Jack Raucci   Due: DP2

1. Does the Data Health Viewer:
    a. Provide the capability to show lists of FDs with various health codes?
    b. Does this viewer provide the capability of $SIF?
    c. Does the API provide the same capability for applications?

Assigned to Brian Bateman   Due: DP2

1. The Data Health concept should be extended to commands?
    a. Provide the capability to determine if a command path is valid on an FD basis for GSE Commands.
    b. Provide the capability to determine if a command path is valid on an FD basis for LDB & Uplink Measurements and Commands.

BUSINESS AND SUPPORT INFORMATION SERVICE - Rex Stanley

OVERVIEW

- To safely and efficiently process and launch a vehicle, Management and Engineering personnel participating in *Processing and Launch Activities* require access not only to real-time physical control and monitor capability; but also, to historical test data and to business and support information.
- This includes OMI's, procedures, problem reports, schedules, drawings, and documentation, as well as tools for analysis, trending, word processing, e-mail, spreadsheets, drawings, presentations, and many others.
- To meet critical timing and safety requirements, the Real-Time Processing System is designed with limited access to and from other systems.
- However, most of the business and support information resides in other CLCS systems and in non-CLCS systems (some at remote locations).
- It is, therefore, **not** accessible from the RTPS Command and Control Workstation.
- **BASIS** provides the capability to access this required business and support information at the Support Workstation.
   -This capability also extends to KSC Office Workstations and technical workstations, as well as those off-site, which meet minimum hardware/software requirements and have the necessary connectivity .

ACTIONS	ACTIONEE	DUE DATE	STATUS

Approved as presented